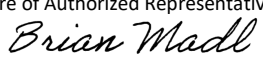


BROADBAND EXPANSION GRANT APPLICATION

For Fiscal Year 2022

Primary Applicant (Name and Address): Whitewater Wideband LLC d/b/a Edge Broadband 10 W Evergreen Pkwy Suite 6 Elkhorn WI 53121	Applications MUST be UPLOADED to ERF via the Commission's website, http://psc.wi.gov/apps35/ERF_upload/content/mymenu.aspx . Refer to section 2.3 for detailed instructions. Applications are due and MUST be uploaded to ERF no later than: March 17, 2022 at 4:00pm (16:00) Central Time. Late applications will not be accepted.
	Contact for further information: PSCStatebroadbandoffice@wisconsin.gov
	Date: December 1, 2021
<p>The Public Service Commission of Wisconsin is seeking applications for Broadband Expansion Grants. The Commission may award one or more grants during Fiscal Year 2022 to public and private entities that meet the eligibility requirements set forth in Wis. Stat. § 196.504. This grant round will be funded with bond proceeds authorized by the Wisconsin Building Commission pursuant to Wis. Stat. § 13.48(30). As such, successful applicants are subject to the requirements of Wis. Stat. § 13.48(30). Successful applicants will demonstrate a clear and achievable plan to improve broadband communications services in one or more underserved areas in the State.</p>	
<p>Applicant Certification: In signing this application, the undersigned verifies under penalty of perjury that the Applicant and its employees and agents have not, either directly or indirectly, entered into any agreement or participated in any collusion or otherwise taken any action in restraint of free competition with respect to this application; that no attempt has been made to induce any other person or firm to submit or not to submit an application; that this application has been independently arrived at without collusion with any other proposer, competitor or potential competitor; that this application has not been knowingly disclosed prior to the opening of applications to any other applicant or competitor; that all of the responses and representations of Applicant in this application are true and correct to the best of the undersigned's knowledge, information, and belief; and that Applicant agrees to, accepts, and will comply with all of the terms and conditions respecting this application and any award of a broadband expansion grant as may be established in a grant award Agreement.</p>	
Name of Authorized Representative (Type or Print) Brian Madl	Title President
Phone (262)458-4220	
Signature of Authorized Representative 	Date 3/14/2022

SUMMARY OF GRANT APPLICATION

Primary Applicant Name Whitewater Wideband LLC d/b/a Edge Broadband	Amount of Broadband Grant Request (round to nearest dollar) \$113,589.00
Federal Employer Identification No. 46-4398311	Amount of Matching Funds Pledged (round to nearest dollar) \$170,385.00
Contact Name and Title Brian Madl CEO	Total Cost of Proposed Project (round to nearest dollar) \$283,974.00
Telephone Number 262-458-4220	Project Name Lauderdale Lake NW
E-mail Address(es) brian@edgebroadband.com	Type of Proposed Broadband Service (FTTH, Cable, DSL, etc.) FTTH
Grant Manager, if different than Primary Applicant	Type of Proposed Project (Last-mile, Middle-Mile, backbone, other) Last Mile
Grant Manager Contact Name	Grant Manager Email Address and Telephone Number
If the application proposes a public-private partnership, list the names, addresses, and FEINs of the partner companies or organizations Walworth County: Mark Luberta, County Administrator, 100 W Walworth St, Elkhorn WI 53121. FEIN:39-6005752	
Brief Project Description (2 sentences) This project will extend our existing fiber on County Road H, east down Green Lake Dr to feed a lake community of approx. 224 homes with FTTH. Between prior grant rounds and out of pocket projects, we already cover the rest of Lauderdale Lake, with this project all of the Lake will have fiber optic available.	
Maximum Proposed Download Transmission Speed 1000	Maximum Proposed Upload Transmission Speed 1000
Minimum Proposed Download Speed to Customer Location 50	Minimum Proposed Upload Transmission Speed to Customer Location 10
County or Counties served by this project Walworth	Community or Communities served by this project Town of LaGrange – Lauderdale Lakes

List of the broadband service providers, if any, currently serving the area the applicant proposes to serve CenturyLink/Lumen	
Does proposed project serve an <u>unserved</u> area of the State, as defined in Section 1.4 of the application instruction? (yes/no) Per the map NO, but our research and evidence attached shows otherwise	Is the Applicant certified as a Broadband Forward! Community or Telecommuter Forward! Community, or does the grant project propose to serve a Broadband Forward! Community or Telecommuter Forward! Community? (yes/no) YES
For last mile projects or component the expected number of Business Locations that will have access to the improved broadband service (i.e., total business locations passed or with new service access). 8	For last mile projects or components the expected number of Residential Locations that will have access to the improved broadband service (i.e., total residential locations passed or with new service access). 231
Of the improved business locations, how many locations are <i>unserved</i> ? 10% or 1 business are unserved.	Of the improved residential locations, how many are <i>unserved</i> ? Per the map, there are none shown as unserved, but many residents stated their speeds are below the unserved definition. Our estimate is at least 10% or 23 are unserved
For providers that are eligible telecommunications carriers will the proposed broadband service be available to Lifeline customers? YES	Are there any programs available for low-income households to access low-cost service or discounts? YES
Is the internet service provider currently participating in the Emergency Broadband Benefit Program? YES	Is the internet service provider currently participating in the Department of Public Instruction and CESA purchasing's Digital Learning Bridge? NO
Did the internet service provider participate in the Public Service Commission's voluntary Broadband Coverage Data Collection in 2021? YES	

FY22 Broadband Expansion Grant Application

Budget & Income Summary



Please complete this form using Microsoft Excel. A PDF copy must be attached to your application as page four. In addition, this form must also be uploaded to ERF in Excel format.

Grant Summary

Grant Applicant:	Project:
Edge Broadband	Lauderdale Lake NW

Budget

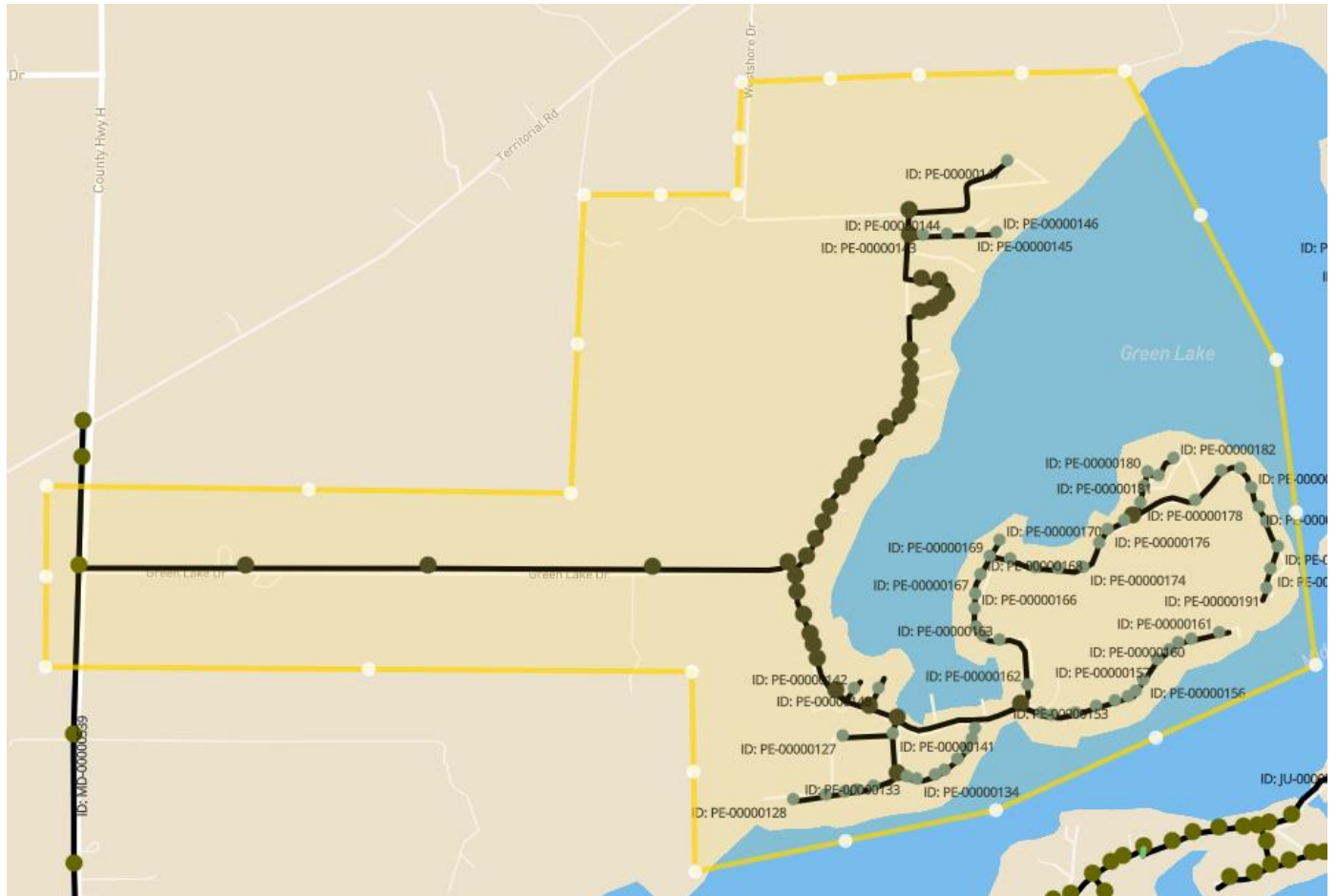
Line:	Description / Category:	Grant Funds:	Match:	Total:
1	Contractual, Consultant Fees	\$ 75,971.00	\$ 113,957.00	\$ 189,928.00
2	Equipment			\$ -
3	Supplies	\$ 37,618.00	\$ 56,428.00	\$ 94,046.00
4	Labor (Salary, Fringe)			\$ -
5	Permitting, Licensing Fees			\$ -
6	Travel			\$ -
7	Other			\$ -
Total:		\$ 113,589.00	\$ 170,385.00	\$ 283,974.00
60.0% match requested				

Pledged Contributions

#:	Entity:	Entity Type:	Pledge Type:	Pledge:
1	Edge Broadband	Applicant	Cash	\$ 170,385.00
2				
3				
4				
5				
6				
7				
8				
9				
10				
Total:				\$ 170,385.00

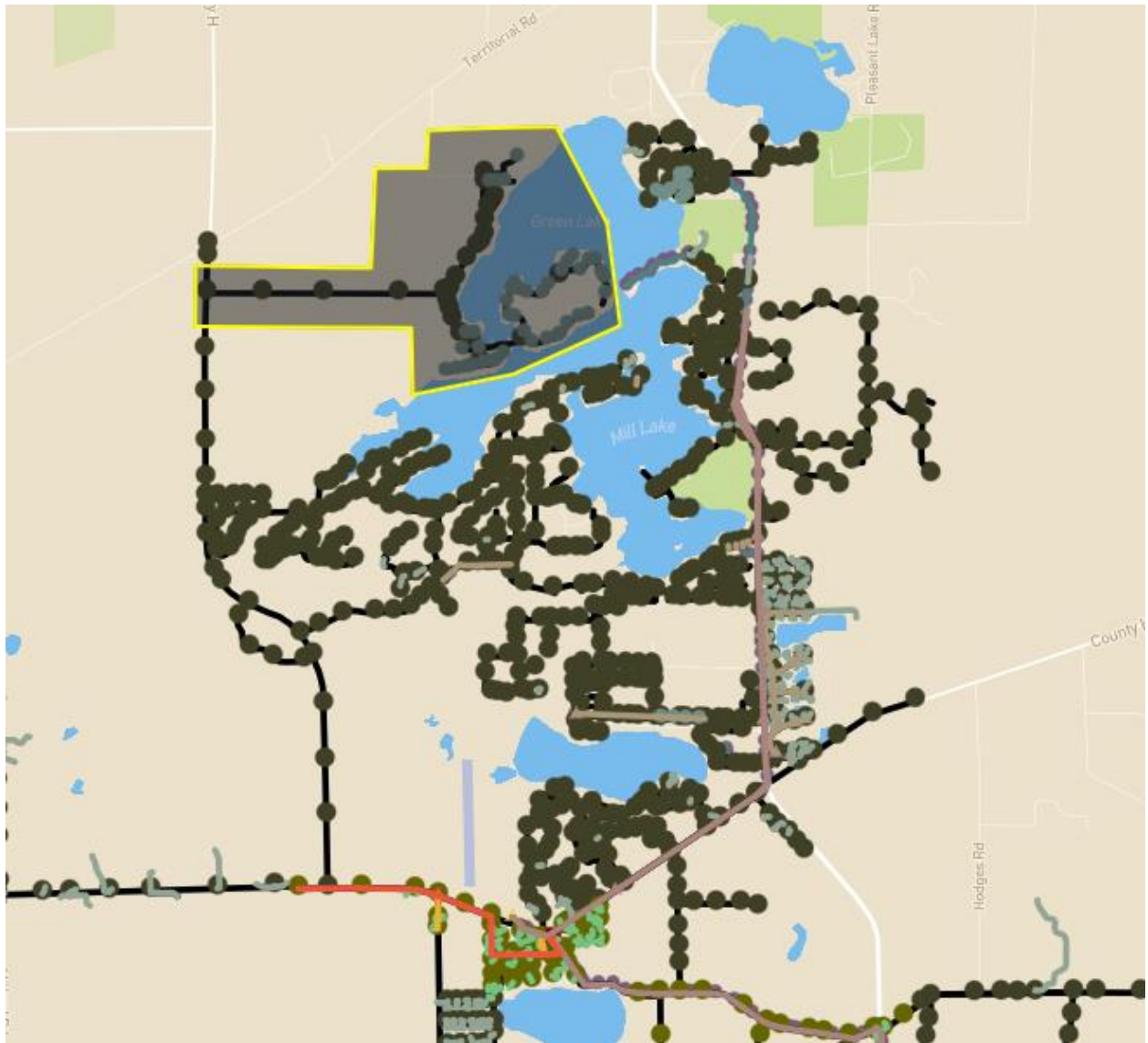
Project Map - Detailed View

Proposed Lauderdale Lakes NW



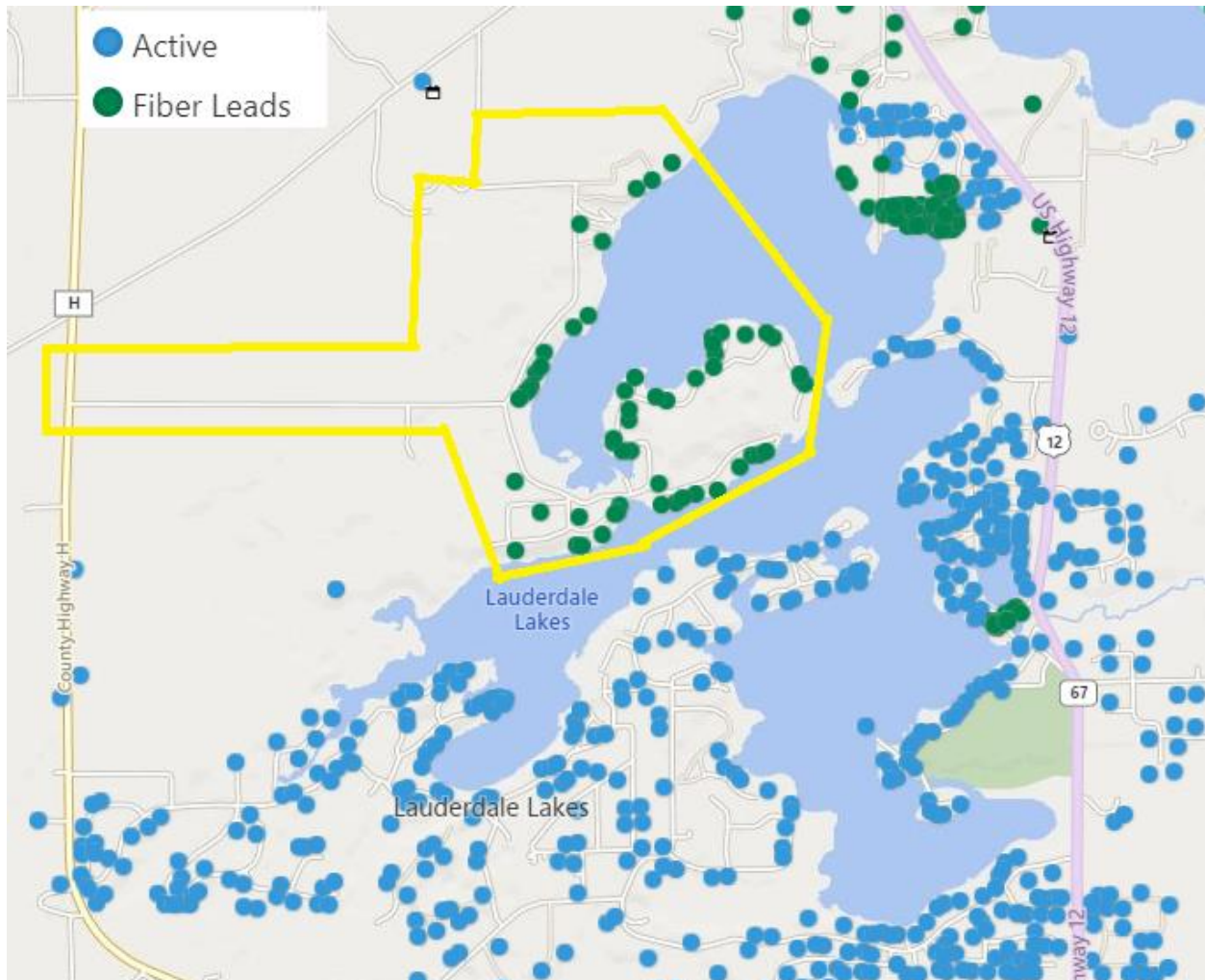
Project Map - Overview

- Yellow border shaded area is proposed project
- All other area shown is existing Edge Broadband FTTH Network



Leads

Despite that Edge Broadband does not advertise that they provide service. This map shows the demand for their services in this area. The yellow box is the project area and each of the green dots represent a lead that has contacted the Edge Broadband office looking for service.



Executive Summary

Whitewater Wideband LLC d/b/a Edge Broadband is a fixed wireless and FTTP internet and voice provider. Founded in 2013, Edge Broadband rapidly deployed Fixed Wireless technology to cover rural areas in Walworth, Jefferson, Rock, and Waukesha Counties. Edge Broadband was one of the first providers to offer 10M/2M, and eventually 25M/3M in many of these rural areas where no wireline or wireless service providers existed.

In early 2017, faced with challenges of terrain, foliage and bandwidth capacity, Edge Broadband invested in their first out-of-pocket FTTP project in rural Elkhorn, WI with symmetrical speeds up to 1,000Mbps for only \$84.35/m.

Edge Broadband has since participated in the past five Broadband Expansion Grant programs, winning each one (5-FB-2018, 5-FB-2019, 5-FB-20, 5-FB-2021, 5-FB-2022) for a total out-of-pocket investment of about \$1.5M with a PSC match close to \$1.25M passing 2,720 homes.

Additionally, Edge Broadband has invested its own funds in many other projects. These include, but are not limited to, passing an additional 2,000 homes and 200 businesses in areas adjacent to prior grant winnings in Walworth County.

Edge Broadband also invests in the local community by employing over 30 staff members, both directly and indirectly, through various subcontractors and permanent employees. In 2022, Edge Broadband opened a new brick-and-mortar office and retail location in Elkhorn, WI to allow and encourage its customers to walk in and speak to its staff face-to-face regarding any sales or service questions they may have. Being close to the customers they serve is a top priority for Edge Broadband.

Edge Broadband is applying for a FY2022 broadband Expansion Grant to extend its existing FTTH network in rural Walworth County to approximately 231 homes and eight businesses in underserved and unserved areas in the Town of LaGrange in Elkhorn, WI.

The estimated construction cost for this project is \$270,770. Edge Broadband is seeking a grant in the amount of \$108,308 and will provide the remaining \$162,462 for a 60% match of the total project cost. Edge Broadband is not seeking any grant funds for individual installation costs to the home/business such as fiber drop cable, NID, ONU/ONT or labor for direct burial and splicing. Those costs will be covered by Edge Broadband for each location which signs up for FTTP service.

Currently, CenturyLink is the only wireline provider in this area. While they claim to provide up to 60Mbps, recent research and feedback from homeowners and businesses reflects that most locations only receive 10-15Mbps download and below 2Mbps upload, with very unreliable and inconsistent service. A small number, less than 10% get speeds over 25M download and 3M upload. Public comments, speedtest results and screenshots of CenturyLink website show the maximum speed available are attached to this application.

The eastern portion of our application area is not listed as underserved, due to a 477-reporting by TDS. TDS' 477 data has erroneously included this area as an area they provide service of 25M/5M. TDS does

not provide any service to this area. Screenshots of supporting evidence is attached to this application, including their Exchange Map/Boundary, homeowner responses and website evidence.

Due to TDS not providing any service and CenturyLink providing an average of 15Mbps/2Mbps, Edge Broadband feels this area qualifies as “unserved” and would benefit from this PSC grant and investment in FTTP service.

With their own investment and the contribution from PSC's Broadband Grant, it is Edge Broadband's goal to provide fiber optic service to this area very soon and expand their network even further beyond this project in the area.

Edge Broadband's FTTP solution is currently installing GPON technology to provide gigabit broadband access, as well as Voice over IP service (VoIP). All service plans have no contracts and provide unlimited usage:

Internet Service Plans

50Mbps/10Mbps - \$49.95/m

300Mbps/100Mbps - \$69.95/m

500Mbps/500Mbps - \$89.95/m

1000Mbps/1000Mbps - \$99/m

Voice Service Plan

Residential Phone - \$25/m

3.2 Mandatory application requirements

3.2.1 Applicant identification and contact information

- a. Whitewater Wideband LLC d/b/a Edge Broadband
10 W Evergreen Pkwy Suite 6
Elkhorn, WI 53121
- b. Public/Private Partnership established with Walworth County
- c. Edge Broadband is an approved provider and has right-of-way agreements in place within the county and local townships for our fiber optic facilities.

3.2.2 Description of the project

- a. A map of the project is displayed on pages five and six of this application.
- b. A portion of the project area does lie within a census block designated as served on the PSC Broadband Map. CenturyLink claims to offer up to 60Mbps download speeds in this area. Our recent research and feedback is the maximum they offer is about 20Mbps download and the speeds are unreliable and intermittent. This area is also reported by TDS' 477 data which is an error. The 477 data from TDS is not very granular and erroneously states they provide 25M/5M in this area. Of the 30 homes surveyed, not one customer stated they have TDS. Supporting evidence of both CenturyLink and TDS claims are attached below.
- c. This project will pass 100% of the locations on the northwestern area of Lauderdale Lake. Edge Broadband has finished building the rest of the Lauderdale Lake area with a mix of funded and nonfunded projects. This final project will give

100% of the Lauderdale Lake community with a fiber optic option for broadband services.

- 231 homes will be served. 57 currently underserved, 174 unserved
- Eight businesses will be served. Two currently underserved, six unserved.
- It is estimated that about 30% of the homes are seasonal or 69 homes
- Our service plans will range from an affordable 50Mbps/10Mbps for \$49.95, up to 1,000Mbps for 99/m. These are not promotional prices, and will not increase after 12 or 24 months.

- d. This is a last mile project. Edge Broadband has existing fiber on County Road H directly adjacent to Green Lake Dr from nonfunded projects to quickly and affordably provide this project with FTTP service.
- e. Edge Broadband currently uses GPON gear to provide up to a symmetrical 1,000Mbps to the customer using a 1x32 split method. They can easily upgrade to XGSPON if and when needed to provide speeds greater than 1,000Mbps.
- f. Since Edge Broadband has existing fiber live near the project, they are going to try to expedite this smaller project. They are confident in their ability to complete the project this year and provide live fiber service to customers before the end of 2022.

3.2.3 Itemized Budget (all amounts should be rounded to the nearest dollar)

- a. This project will extend an existing network. Therefore, no other equipment/electronics will be needed, aside from the underground supplies within the budget. Handholes, ducts, fiber, splice cases and ground rods have an estimated cost of \$94,045.09.
- b. This application will not subsidize any monthly expenses or leases.
- c. This application will solely cover the cost of construction of underground facilities and the supplies needed to do so. This is a last mile project connecting to Edge Broadband's existing fiber, so no leasing of middle mile services will be needed. Installation and testing of the service to the home is nonfunded and will be covered solely at the cost of Edge Broadband.

3.2.4 Priority factors supporting the application

- a. **Matching funds.** Edge Broadband proposes a 60% match of funds for this application. Additionally, installation and testing of the service to customers that signup will be at the cost of Edge Broadband and is a nonfunded expense. Edge Broadband has many leads eagerly waiting for service.

- b. **Public-private partnerships.** There is no public-private partnership established at the time of this submission. However, Edge Broadband has worked closely with the Town of LaGrange the past two years and has open communication in place. Two board members have Edge Broadband service, including the Chairman. Others are eager for this same service to reach their homes as well. Letters of support from the township are attached.
- c. **Existing broadband service.** A list of the broadband service providers, if any, currently serving the area the applicant proposes to serve. In scoring this element, the following factors will be taken into account:
- There is only one wireline provider in this area. CenturyLink which only offers DSL via copper wire. Feedback from customers as told to them from CenturyLink, is the wire is old and many pairs are damaged and not usable. They have been told there are no plans to replace or repair any of the bad strands or copper wires which would offer fast or more reliable service. Letters stating this are attached to the bottom of this application.
 - There are no fixed wireless providers that claim to offer service here.
 - ATT, T-Mobile, US Cellular and Verizon all claim to offer service here. Edge Broadband surveyed 30 homes: one stated they use a Verizon Hotspot, two said they use ATT Hotspot. All three stated they are not satisfied and are interested in fiber optic service. Full survey data is attached.
 - There is no middle mile work needed to build this project.
- d. **Project impact.** Symmetrical speeds of 1,000Mbps will be available to all homes and businesses. Businesses are also eligible to purchase speeds up to 10,000Mbps. Edge Broadband anticipates 55-70% take rate due to the factors of being a local company, with a local location and offers plans to meet the needs of many. They offer affordable plans of 50 Mbps/10Mbps for only \$49/m. and full 1,000Mbps plans for only \$99/m. They are also participating in the Affordable Connectivity Program which will provide a \$30 discount on any of their service plans to those that qualify for the benefit.
- e. **Scalability.** Edge Broadband designs their networks keeping reliability, cost, and growth in mind. They leave sufficient fiber strands left over for the ability to easily access and connect more homes in the future, provide service to lots that are currently empty, or to businesses that wish to purchase dedicated service. Edge Broadband also designs their network with a light level budget that allows for an easily accessible upgrade path in the future to XGSPON or any newer PON technology. These upgrades would enable them to offer faster service as needed. This project will feed directly into their existing telecommunications hut in the area.

- f. **Economic development.** The project area is primarily rural/residential, but many homeowners have stated there is a lack of service needed for many at home amenities, including but not limited to: working from home, virtual learning and telehealth.
- Of the eight businesses listed in the area, one is a popular lakefront restaurant. The remote location makes cell coverage very poor, causing many customers to request WiFi access due to not having a cell signal.
 - This causes problems when too many users are on the already slow internet service and negatively impacts the business, as they are unable to run credit card transactions. FTTP service would eliminate those speed constraints and allow customers to use the guest WiFi. This would also allow the business to perform what is necessary for daily operations to run more efficiently.
 - Remote work and learning, especially during a pandemic, will finally be achievable with fiber optic that has greater upload speeds and reduced latency compared to any other broadband service.
 - Homes with fiber services available have seen anywhere from a 3% to 6% increase in property values.
- g. **Effect upon broadband service to adjacent areas.** Edge Broadband's expansion will not be exclusive or prevent any other provider from servicing this area. Edge Broadband has and will continue to expand beyond this project in the future. Any future grants or programs will only help them expand further and faster.

3.2.5 Other information supporting the application

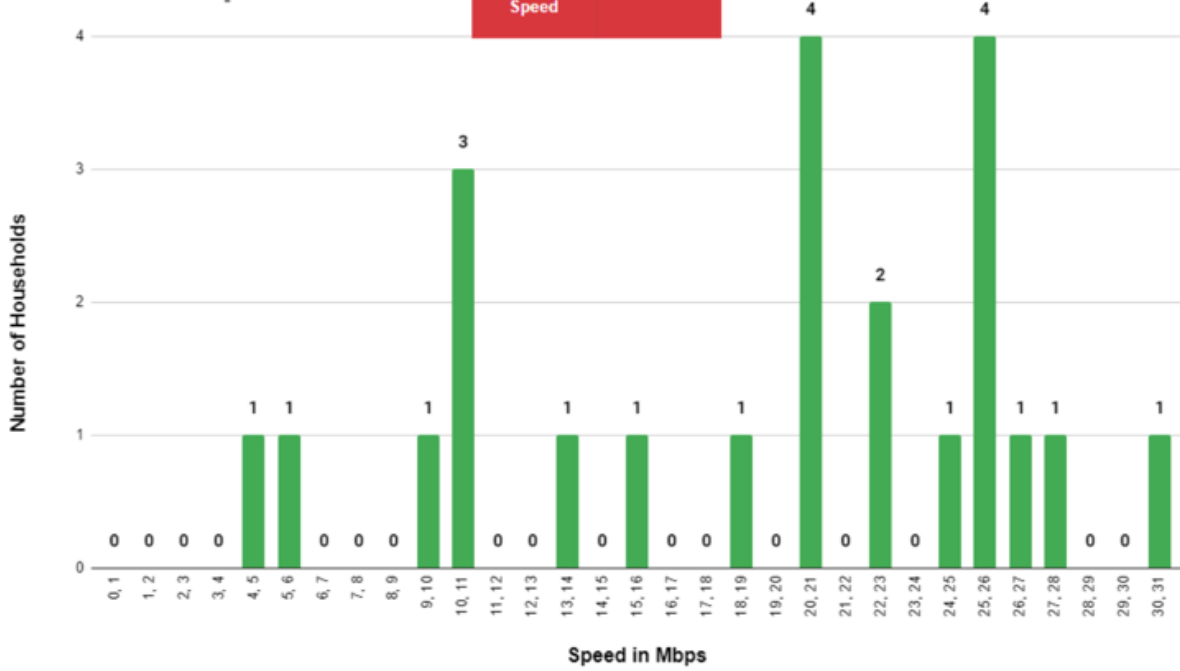
- a. Edge Broadband is building a reputation for bringing fast and reliable fiber optic internet service in areas that other providers have ignored for years. They continue to expand with both funded and nonfunded projects.
- Edge Broadband has since participated in the past five Broadband Expansion Grant programs, winning each one (5-FB-2018, 5-FB-2019, 5-FB-20, 5-FB-2021, 5-FB-2022) for a total out-of-pocket investment of about \$1.5M with a PSC match close to \$1.25M passing 2,720 homes.
 - Additionally, Edge Broadband has invested its own funds in many other projects. These include, but are not limited to, passing an additional 2000 homes and 200 businesses in areas adjacent to prior grant winnings in Walworth County.
- b. This project will only overlap aging and outdated copper broadband that is not adequate for today's broadband needs.
- c. Edge Broadbands is in its 9th year in business and continues to develop and expand every year. They strive to provide the best service in the area and their reviews, take rate and low churn prove just that. Their cash flow and combination of SBA and private loans have secured the funds needed for them to tackle this project in the timeline stated.

- d. This is a last mile project.
- e. Access to reliable high-speed broadband can greatly enhance quality of life for rural residents. Many healthcare providers offer virtual care through online diagnosis and treatment services. These online options offer a cost effective way to access local healthcare remotely. Without robust high-speed internet access in the area, patients will have barriers to accessing this cost efficient and effective type of care and they will not be able to experience the benefits of virtual healthcare services.
- f. The rapid growth of technology has become part of the world of education. Students use technology daily in classrooms through school computers and tablets. This technology is used for school work, homework, and learning. Internet research has become the norm and the expectation for students in a multitude of subject areas. There are opportunities for kids to take online courses that are otherwise not available to them, but limited broadband access to these families puts them at a disadvantage, as they are unable to work from home. Currently, internet options for students are limited and lacking in local rural areas. Without equal access for all students, those that do not have reliable service are at a severe learning disadvantage when compared to others in the county, or even the state level, that do. Dependable and consistent internet availability is important to provide for students to be able to use their technology at home.
- g. The local township has welcomed the work of Edge Broadband and continues to promote it.
- They provided Edge Broadband with a single point of contact, which allows timely responses and help when needed.
 - The contribution of in-kind assistance to the grant project in the form of waived fees and expenses for obtaining use permits and permissions.
- h. Letters and messages in support of the application submitted by prospective customers, local government officials and other interested persons are attached.
- i. Edge Broadband offers a managed WiFi service, which includes an app that allows the customer to manage their Wifi easily and in the comfort of their home.
- They have a brick-and-mortar store that allows customers to visit if and when they need support.
 - They use various forms of marketing to communicate with both current and prospective customers. These include: flyers, yard signs, email communications and social media.
 - They have a special page on their website regarding the FCC ACP program.

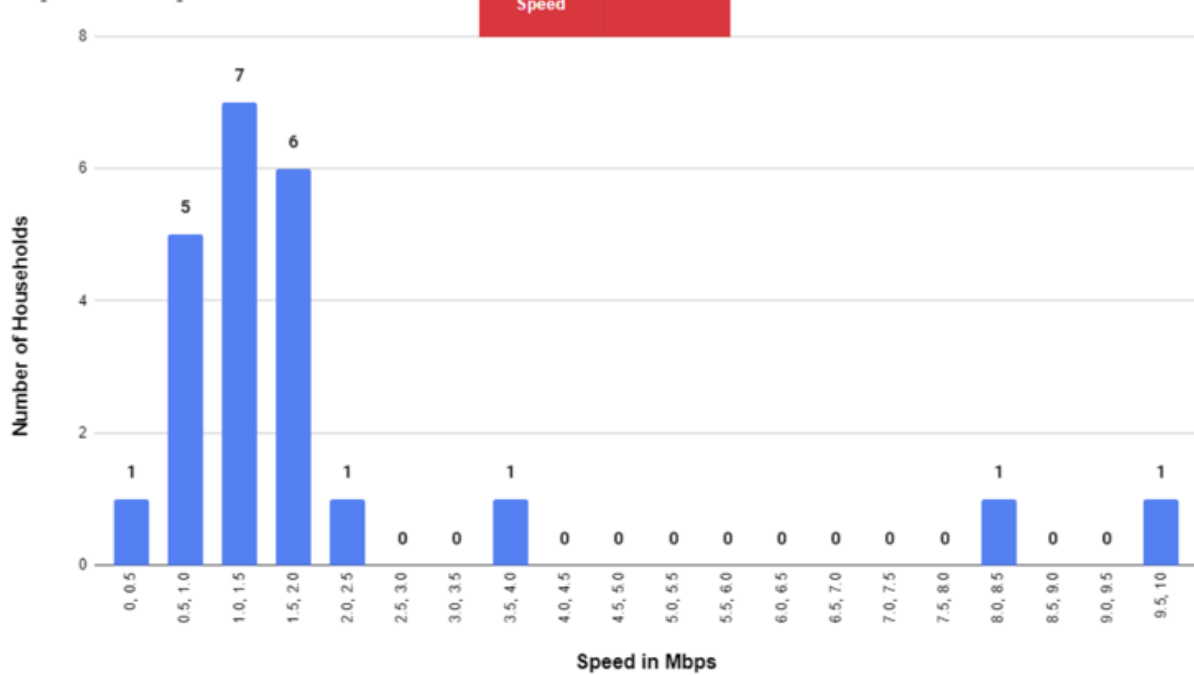
- They leverage social media posts and proactively engage customers when it's evident they may be struggling with their monthly payments and provide options.

Speed Test results provided by CenturyLink customers
Average is 18.58M download and 1.79M upload.

Download Speeds

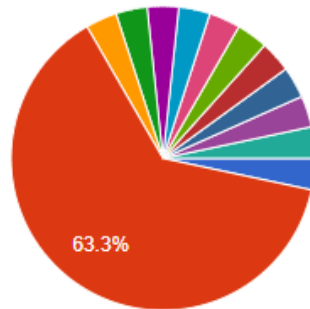


Upload Speeds



Are you satisfied with your current Internet Provider?

30 responses



- Yes
- No
- It is currently the best / fastest option...
- No, we have been trying to get higher...
- Allot of outages
- Would Prefer faster speeds
- would rather have higher speed! just i...
- Haven't subscribed because of slow s...

▲ 1/2 ▼

Are you interested in Fiber Optic Internet Services?

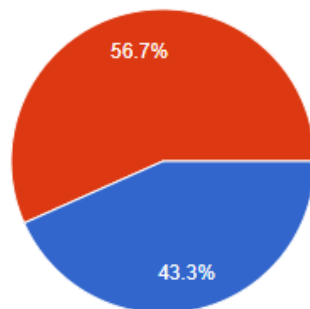
30 responses



- Yes
- No

Are you interested in phone/Voice (VoIP) service?

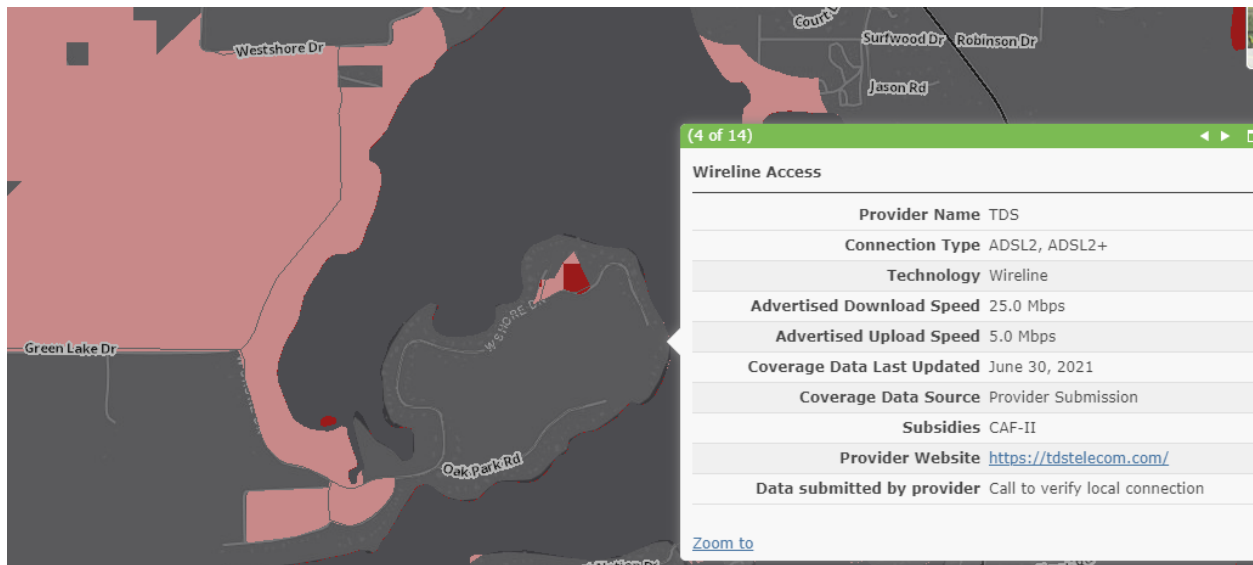
30 responses



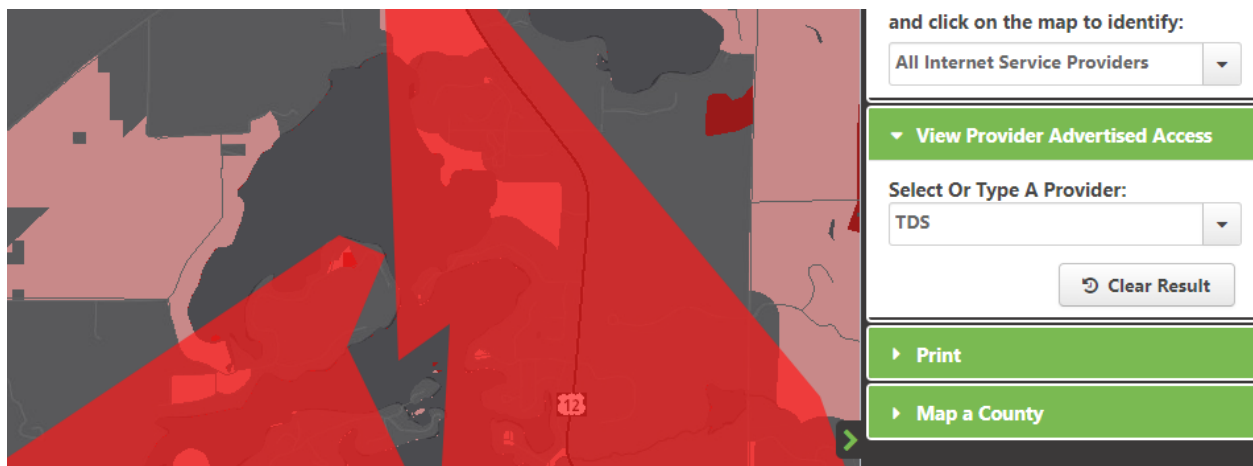
- Yes
- No

Supporting Evidence regarding erroneous TDS provider submission showing 25M/5M availability

-The PSC Map shows TDS 25M/5M available



-The TDS Advertised Access Layer shows they also cover this project area which is incorrect.



However, the Exchange Boundary Map shows TDS does NOT cover this area.

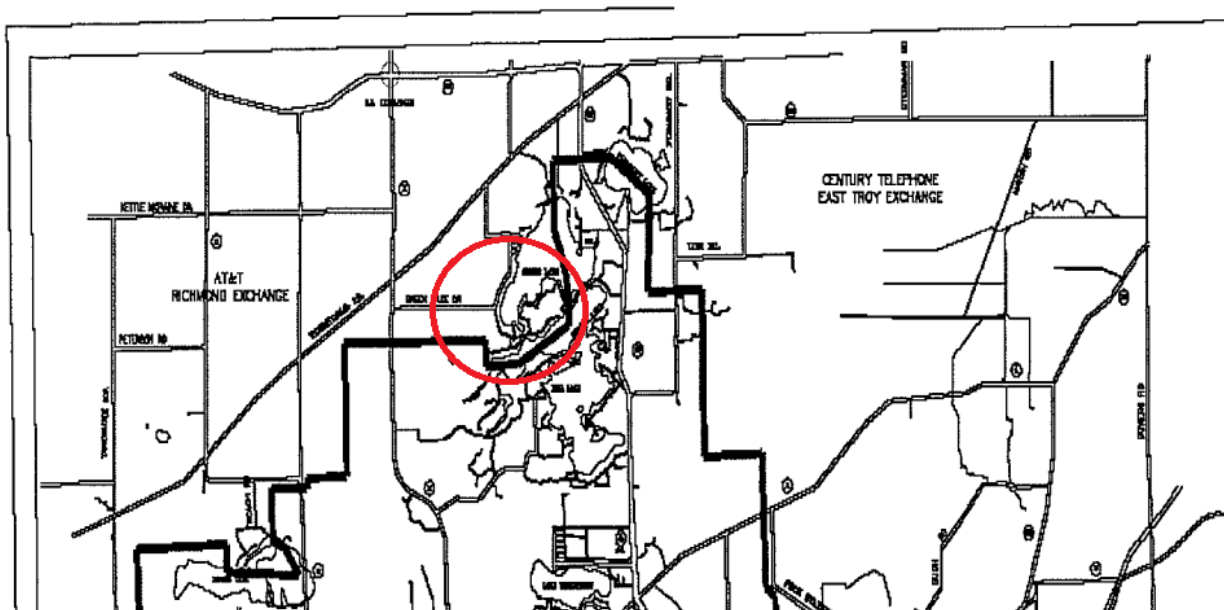
<https://apps.psc.wi.gov/APPS/teleExchangeMaps/viewfile.aspx?type=maps&id=5844>

GENERAL EXCHANGE TARIFF


TDS TELECOM

Wisconsin

ELKHORN EXCHANGE BOUNDARY MAP




Edge Broadband also sampled a few addresses that said service not available.

 We're sorry, but your address was not found in our systems. We cannot offer you any products at this time. If you have questions about TDS service, please call.

Address Not Found

You entered:


W5619 WESTSHORE DR ELKHORN WI

 We're sorry, but your address was not found in our systems. We cannot offer you any products at this time. If you have questions about TDS service, please call.

Address Not Found

You entered:

W5494 WESTSHORE DR ELKHORN WI

 We're sorry, but your address was not found in our systems. We cannot offer you any products at this time. If you have questions about TDS service, please call.

Address Not Found

You entered:

W5521 OAK PARK RD ELKHORN WI

Lastly, TDS was not listed as a provider on the survey:

Address	Current Internet Provider
W5576 Westshore Dr	CenturyLink
W5591 Oak Park Road	CenturyLink
W5603 Forest Rd. Elkhorn, WI	CenturyLink
N7671 Westshore Dr Elkhorn, WI 53121	CenturyLink
W5572 westshore drive	CenturyLink
W5501 Oak Park Road Elkhorn, WI 53121	CenturyLink
W5438 Solid Comfort, Elkhorn, WI 53121	CenturyLink
W5495 Oak Park Rd	CenturyLink
W5508 Westshore Drive	CenturyLink
W5424 Solid Comfort Road	CenturyLink
W5530 westshore drive	CenturyLink
N7966 Westshore Dr., Elkhorn, Wi	CenturyLink
842 Sentinel Dr	CenturyLink
W5599 Oak Park Rd, Elkhorn. WI 53121	CenturyLink
w5468 Westshore dr, elkhorn, wi	CenturyLink
W5427 Westshore Dr Elkhorn Wisc	CenturyLink
W 5434 solid comfort drive	CenturyLink
W5539 Westshore Drive Elkhorn, WI 53121	CenturyLink
W5505 Westshore Elkhorn WI 53121	CenturyLink
W5525 Oak Park Rd	CenturyLink
W5647 Forest road. Elkhorn wi. 53121	CenturyLink
W5511 Westshore Drive Elkhorn, WI 53121	AT&T Hotspot
W5509 Westshore Drive, Elkhorn wis	AT&T Hotspot
W5579 westshore, wi 53121	CenturyLink
N7834 westshore drive	CenturyLink
W5564 Westshore, Elkhorn, WI 53121	CenturyLink
W 5502 Westshore Dr. Elkhorn, Wi.	Verizon MiFi dialup
W5558 Blue Jay	CenturyLink
N7838 Westshore Drive, Elkhorn, WI 53121	CenturyLink

In summary, this data shows that there is only one wireline provider and the average download and upload speed is below the broadband definition of 25M/3M. This area would be classified as “underserved”.

Address	Current Provider	Speeds you are getting	Speeds you are paying for
W5576 Westshore Dr	CenturyLink	30 Meg download and 2 Meg upload	30 Meg Download
W5591 Oak Park Road	CenturyLink	18-Aug	20-25
W5603 Forest Rd. Elkh	CenturyLink	25-30 MBPS	40 MBPS
N7671 Westshore Dr Elkh	CenturyLink	25	25
W5572 westshore drive	CenturyLink	15 to 25	25
W5501 Oak Park Road E	CenturyLink	Internet less than 15 Mbps	Internet Up to 15 Mbps
W5438 Solid Comfort, El	CenturyLink	22 mbps	up to 20 mbps
W5495 Oak Park Rd	CenturyLink	10	15
W5508 Westshore Drive	CenturyLink	Century Link said max would be 10mpbs	It would be for 10mpbs
W5424 Solid Comfort Rc	CenturyLink	5mb	5mb
W5530 westshore drive	CenturyLink	slow	slow
N7966 Westshore Dr., El	CenturyLink	9.69mbps	10mbps
842 Sentinel Dr	CenturyLink	20-25 mbps	25 mbps
W5599 Oak Park Rd, Elkh	CenturyLink	normally get just under 20 Mb	20 Mb
w5468 Westshore dr, el	CenturyLink	do not know	up to 10mbps
W5427 Westshore Dr E	CenturyLink	2 - T1 lines. Each giving 10mg for a total of 20mg	20mg
W 5434 solid comfort dr	CenturyLink	10 meg	15to20 meg
W5539 Westshore Drive	CenturyLink	25/1.78	50
W5505 Westshore Elkh	CenturyLink	24mpps	30
W5525 Oak Park Rd	CenturyLink	26 download 1.7 upload	High speed
W5647 Forest road. Elkh	CenturyLink	About 20 mbps download speed	They advertise 50mbps but I've never experienced those spe
W5511 Westshore Drive	AT&T Hotspot	Hot spot	Hot spot
W5509 Westshore Drive	AT&T Hotspot	36.58 & 3.8	\$55.00
W5579 westshore, wi 5	CenturyLink	4mbps	5mbps
N7834 westshore drive	CenturyLink	20	25
W5564 Westshore, Elkh	CenturyLink	When I tested last, I was getting single digit Mbps	Up to 10 Mbps. The site says that it is the fastest available
W 5502 Westshore Dr.	Verizon	20 mps at best	60 mps
W5558 Blue Jay	CenturyLink	Download 13.3 mbps, upload 0.62mbps	Up to10 mbps.
N7838 Westshore Drive	CenturyLink	25	Up to 40

Amount of bill	Are you satisfied with your current Internet Provider?	Fiber?	VoIP?
About \$60	It is currently the best / fastest option available to me	Yes	Yes
\$50	No	Yes	No
\$110.30	No, we have been trying to get higher speeds from CenturyLink for years	Yes	No
45	No	Yes	No
54	Allot of outages	Yes	No
\$50	No	Yes	No
~\$90	Would Prefer faster speeds	Yes	No
64.83	No	Yes	No
N/A	Haven't subscribed because of slow speeds available	Yes	No
\$50.00	No	Yes	Yes
55	slow	Yes	No
\$125.81 internet/phone	seems expensive, need other choices	Yes	Yes
\$107	No	Yes	No
\$50.00	Is consistent but slow, & cust service poor	Yes	No
\$82.00	No	Yes	Yes
\$123. Per month	No	Yes	Yes
109.17	No	Yes	No
40	Yes	Yes	Yes
\$45	Only one available! I want faster speeds	Yes	No
\$51	No	Yes	Yes
\$52/month	No	Yes	Yes
	No	Yes	Yes
	No	Yes	No
\$50/mnth	No	Yes	Yes
136	No	Yes	No
\$97.31	No	Yes	Yes
varies with data usage	No	Yes	No
\$90. Includes landline	No	Yes	Yes
\$83	No	Yes	Yes



March 16, 2022

Public Service Commission of Wisconsin
4822 Madison Yards Way
PO Box 7854
Madison, WI 53707-7854

Administration

Transmitted via E-Mail

Re: Wisconsin Broadband Expansion Grant

Mark W. Luberda
County Administrator

Dear Public Service Commission of Wisconsin,

Jenny Quill
Office Supervisor –
Administration &
Communications
Coordinator

I would like to express my full support of the Wisconsin Broadband Expansion Grant application for Edge Broadband. Edge Broadbands' broadband plan for portions of rural Walworth County would address the lack of adequate broadband Internet access and connectivity in the areas. Due to Edge Broadbands' long and successful history of providing state-of-the-art broadband service at modern speeds within our county and neighboring counties and their strong reputation for customer service and community commitment, I am confident in their capability to enhance broadband service for the residents of rural Walworth County.

Emily Krabbenhoft
Administrative Assistant

As an underserved area with limited modern Internet services, residents of rural Walworth County are faced with many challenges, such as limited medical resources and distance barriers between patients, physicians, and facilities. Because of the rural nature of the area, students do not receive equitable broadband resources as compared to those in more urban areas. Rural students may lack the opportunity for research, distance learning, video, and other tools that advanced broadband can deliver.

Stephanie Rodgers
Administrative Assistant

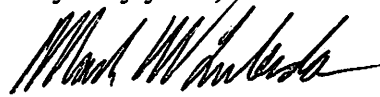
With funding assistance from the Wisconsin Broadband Expansion Grant program, Edge Broadbands' proposed expansion will enable the residents of rural Walworth County to overcome geographical distances, empower them through information, and bring the world to their fingertips. Additionally, I feel strongly that this project will enable greater collaboration and teamwork between community service centers, public safety offices, county offices, and municipal offices.

I respectfully ask you to consider Edge Broadbands' proposal for their fiber project in rural Walworth County. It is extremely important that state

100 W. Walworth
P.O. Box 1001
Elkhorn, WI 53121
262.741.4357 Tel
262.741.4390 Fax

broadband grant funding be obtained to provide much needed broadband service to this area.

Very truly yours,

A handwritten signature in black ink, appearing to read "Mark W. Lubberda", written in a cursive style.

Mark W. Lubberda
County Administrator

MWL/sr

Town of LaGrange
P.O. Box 359
Whitewater, WI 53190
262-495-8200
clerk@townoflagrangewi.com

March 15, 2022

To Whom it May Concern:

The Town of LaGrange has received many inquiries about upgrading internet access in the Township. The Town of LaGrange is supportive of any efforts to improve internet access.

Thank you,

Crystal Hoffmann
Crystal Hoffmann
Clerk/Treasurer

3-14-22

To Whom It May Concern:

We live on Lauderdale Lakes in Elkhorn, WI and have had CenturyLink internet for years. The line speed is not as high as other competitors (competitors, mind you, that do not service our area) and frequently goes out with high wind, etc.

Due to low line speeds, our internet has not been very reliable in times when we are working remotely from home, streaming, etc.

To call CenturyLink for any issues, plan on being on the phone FOREVER and good luck finding someone you can understand!

Our area desperately needs to have upgraded, reliable technology, like fiber optic, to enable our community greater upload speeds to efficiently work remotely from home, stream movies, etc.

We greatly desire to work with our local Edge Broadband company – they have an office in Elkhorn, WI so we can deal directly with a local person and they have great reviews, etc. It is so much better to be able to have a personal relationship with whom we do business with!

We hope that you consider our plea and move forward with allowing Edge Broadband to install and service our area!

Thanks,

Lisa Hohe

Lisa & Ray Hohe
N7810 Westshore Dr
Elkhorn, WI 53121

March 14, 2022

Maureen Gleason
W5501 Oak Park Road
Elkhorn, WI 53121

Re: Lauderdale Lakes Internet Service or Lack thereof from CenturyLink

To whom it may concern:

I am writing to ask that you work with Edge Broadband to deliver fiber optic internet to a very much needed area around Lauderdale Lakes. The current provider, CenturyLink, offers only 1 line per household and barely breaks or approaches their quoted speeds of up to 15 mpbs.

Our home is a family lake home and we have many people vying for internet service and reliability as many of us work remotely. CenturyLink has horrible bandwidth and we often have to stagger our online meetings to insure uninterrupted internet service.

In April, 2021, we sold our other home at W5495 Oak Park Road and were forced to give up our internet line to the house at W5495 as a condition of the sale. CenturyLink wanted to charge us over \$50,000 to run a line to this house (we had canceled service after a fire and it took some time to rebuild). Apparently, a home down the road was able to secure our line prior to our sale and completion.

We tried satellite service which was extremely costly and worked only intermittently at horrifically slow speeds.

I assure you; this will happen to the homes that are currently being built on Oak Park Road. CenturyLink will not have a line for these homes.

Please understand that we all support Edge Broadband and eagerly await the installation of their fiber optic service in our area.

If you have any questions, please feel free to contact me at 847-533-7776.

Sincerely,

Maureen T Gleason

Maureen Gleason

Attachment: CenturyLink Bill denoting internet speed

Details of Your CenturyLink Packaged Services

Service Period: MAR 03 - APR 02

Simply Unlimited Internet

Monthly Recurring Charges 50.00

Broadband User ID: 495733003L51892

Internet Up to 15 Mbps

Total Packages **\$50.00**

Law Office of
Judy L. DeAngelis
767 Walton Lane
Grayslake, Illinois 60030

Judy L. DeAngelis
Email
Judy@deangelislaw.net

Telephone
(847) 223-7303
Facsimile
(847) 223-7903

March 15, 2022

To Whom it May Concern:

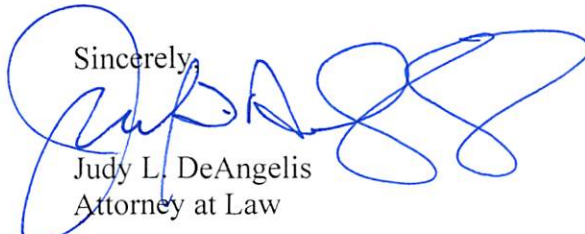
My name is Judy DeAngelis and my Husband and I own a home (and one under construction) on Lauderdale Lakes in Elkhorn, WI. My letter concerns the state grants associated with providing Broadband access to rural locations, as we have been trying to obtain upgraded Internet for at least the last 10 years and are limited to a single, non-satellite provider, which is CenturyLink. As noted below, we have had to resort to supplementing our maximum Internet package with an additional (and incredibly expensive) satellite internet package, for which we have a two-year contract and pay over \$200/month. We have requested, on at least five different occasions, to have our Internet speeds upgraded by our current provider and have been told that the maximum Internet download speed at our location is 40 MbPS, although we do not regularly reach anywhere near those speeds.

With the onset of the pandemic, many employees have been required to adapt to a remote work environment, which requires minimum Internet speeds to support programs that are required for use. My husband and I, along with our two sons and daughter-in-law, have all felt the change in how we must adapt to working, but the Internet speeds at our home do not allow for multiple people to be remote working at the same time. As referenced above, we have determined that only a single person can work using, e.g., Microsoft Teams, Outlook, etc., at our home when the maximum Internet speed from our service provider is 25 MbPS. To allow for more than a single person to be able to work at a time, we have had to supplement our landline-based Internet with an expensive satellite Internet package that required a two-year commitment.

In addition to the above, we have found that any new device that we add to our home is now connected to the Internet, which I imagine impacts the ability of others on the network to maintain optimal Internet speeds. Taking the foregoing into consideration, we would very much welcome the opportunity for an additional Internet provider to enter our area with the opportunity to increase our Internet speed at a reasonable cost.

Thank you for your consideration, and please advise if I can provide any additional information, which I am happy to do upon request.

Sincerely,


Judy L. DeAngelis
Attorney at Law

Broadband Survey - Lauderdale Lake

Michael Gard <mpgard1345@gmail.com>
To: Brian Madl <brian@edgebroadband.com>

Mon, Mar 14, 2022 at 12:25 PM

Hi Brian,

I just filled out the survey. I logged in to see if they offer faster service than what I currently have.

This is the information that they have on their site.

Details of Your CenturyLink Packaged Services

Service Period: FEB 12 - MAR 11

Home Phone II

Monthly Recurring Charges
Discounts
Promotional Discount
(Expires 04/11/22)

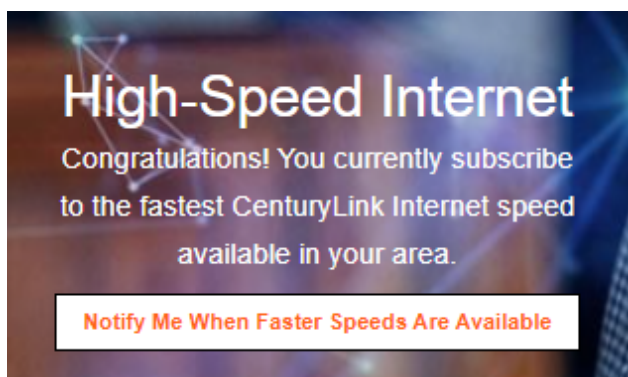
Services for:

1 Pty Residence Line
Residence EAS
Unlimited Long Distance (Voice Only)

Broadband User ID:

Internet Up to 10 Mbps

Total Packages



When I was up there last month, I had under 2 up, and I don't recall what down was. While I was trying to work, the upload speed was a major issue.

I hope this helps.

Best regards,

Michael
[Quoted text hidden]

Fiber

Dominic M. Sergi <dominic@dominicsergi.com>
To: Brian Madl <brian@edgebroadband.com>
Cc: "Dominic M. Sergi" <dominic@dominicsergi.com>

Mon, Mar 14, 2022 at 12:07 PM

Dear Mr. Madl

Thank you very much for reaching out to me regarding my internet service which we currently have from CenturyLink. We are located at W5427 Westshore Dr. Elkhorn Wisc. 53121.

I have to tell you how displeased I am with the service from CenturyLink, I have 2- T1's with each having 10MG with a total of 20MG. The speed is on OLD wire cable back from the 1950's and I was told I'm on the last good pairs, and my cable is just old and damaged. When I asked them if they are planning on replacing the cable new or installing Fiber, which I always get the same answer is NO. NO. NO.

The other issue is I keep losing my internet service, it is so frustrating that I can see it going on and off all day long, and they say they can't do anymore for me that they have already done, which is not much. Very unreliable service right now.

I sure hope that Edge Broadband can take over our services.

Thank you very much

Mr. Sergi

W5427 Westshore Dr.

Elkhorn, Wisc. 53121

Re: Broadband Survey - Lauderdale Lake

Maureen Gleason <mgleason.market7@gmail.com>

Fri, Mar 11, 2022 at 4:45 PM

To: Brian Madl <brian@edgebroadband.com>, Billing Service <billing@edgebroadband.com>

That is an absolute lie from CenturyTel. We pay for 15 mbps and receive significantly less.

Please let us know if there is anything else we can do to assist.

We are at W5501 Oak Park Road and our neighbor at W5495 is also looking forward to your fiber optic network.

Thanks,

Maureen

Maureen T. Gleason

mgleason.market7@gmail.com

Market 7, Ltd.

[847.533.7776](tel:847.533.7776)

www.market7ltd.com

[Quoted text hidden]

Re: Broadband Survey - Lauderdale Lake

Walt Holzer <wsholzer@gmail.com>

Fri, Mar 11, 2022 at 1:29 PM

To: Brian Madl <brian@edgebroadband.com>

Cc: Billing Service <billing@edgebroadband.com>

Brian - thank you for doing this. We really need your service. Century Link is awful and is our only choice. I cannot work well from the house due to the slow internet speed. Many on the street are in the same situation as I am. I also believe you can charge a premium for the speed difference vs century link.

Walt**Walt Holzer****Office** +1 312 862 2636**Mobile** +1 216 272 0873

On Mar 11, 2022, at 12:09 PM, Brian Madl <brian@edgebroadband.com> wrote:

Hello,

We have your email on file as being interested in fiber optic internet service on Lauderdale Lake.

We have been getting closer to bringing our fiber optic network to your location, but there is also a state grant program that can help us with up to 50% of the cost to bring fiber to this area, which means we can get this work done sooner than later.

Unfortunately, CentryLink has reported to the state PSC that they offer 60Mbps internet in that area. With those speeds available, it would not qualify for a grant.

Based on feedback I've heard, I do not think that speed is accurate, which is where you come in!

Can you please take the time to fill out this survey? We will use the results from this to tell the Wisconsin PSC their data is incorrect, and your area DOES need fiber optic internet.

Please complete this survey here:

<https://forms.gle/iHVS wzP51WtHLf688>

Thank you!

**Brian Madl**

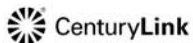
President and CEO

Edge Broadband

262-458-4220

brian@edgebroadband.com

www.edgebroadband.com



Your Internet Speed

855-448-6382

W5508 WES...

W5508 WEST SHORE DR, ELKHORN, WI
53121

[Change Address](#)

Up to
10
Mbps

\$50/mo

Monthly prepayment required.
Additional taxes, fees, and
surcharges apply. [Offer Details](#)

- No annual contract
- Unlimited data on a
99.9% [reliable](#) network
- HD streaming on 1
device

[Why don't I see other speeds?](#)

[More Details](#)

[Continue](#)

[Feedback](#)

March 14, 2022

RE: Bringing fiber optic to Lauderdale Lakes Area

To Whom It May Concern:

I currently own two lake homes on Lauderdale Lakes, and we are building our third (to be our permanent residence) which we hope to be in by early fall of this year. Our current homes are serviced by CenturyLink DSL which is the best available but hardly satisfactory. Speeds vary (10-25 mbps) and become frustratingly slow when neighborhood usage increases. We have family that work from home (and at the lake) and they have commented to me the same issues.

I strongly encourage the implementation of fiber optic into our community to keep us at a respectable capability when it comes to our internet delivery capabilities. We are moving to the lake to enjoy the beauty mother nature has to offer – not to be cut off from civilization. The internet has become a part of our daily lives and we need a reliable, capable, and modern method to deliver it to our homes.

Thank you for your consideration.

Sincerely,

A handwritten signature in cursive script that reads "Charles Miller".

Charles Miller

608-751-9165

charlesemiller@aol.com